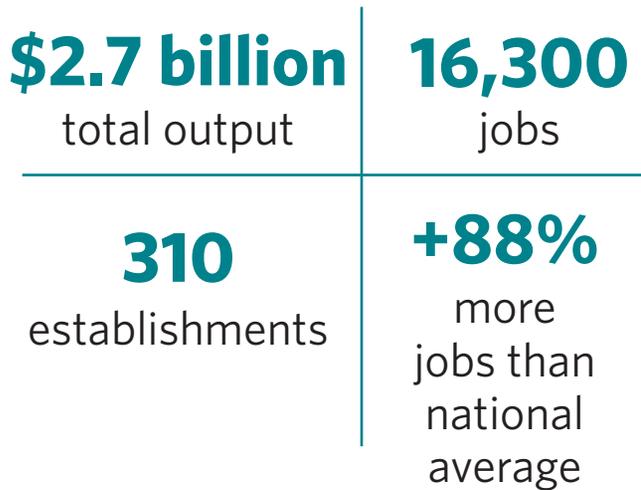


Electrical Equipment

This cluster manufactures electronic components wiring devices, fiber optic cables, switchboards, lighting fixtures, electronic motors, transformers, and related products. The technical report, *Metropolitan Chicago's traded industry clusters*, offers extensive data on the characteristics and performance of the Chicago region's core industrial assets since 2001, available for download at <https://cmap.is/Traded-Clusters>.

In the Chicago region in 2017, this cluster consisted of



Source: CMAP analysis of Economic Modeling Specialists International data (Emsi 2018.4).

Workers in this cluster tend to be **more** racially diverse than the regional labor force.

48% non-white

35% female

40% over age 50

5%
commute
by transit

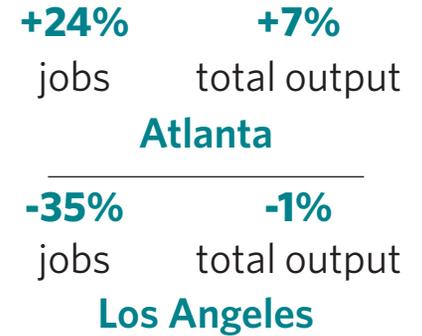


Source: CMAP analysis of Integrated Public Use Microdata Series, 2017 American Community Survey data.

Largest occupations

- Electrical Assemblers
- Machinists
- First-Line Supervisors
- Mechanical Engineers
- Sales Representatives

In recent years, the cluster's competitive position **weakened** as it became **less specialized** in the national context.



Source: CMAP analysis of Economic Modeling Specialists International data (Emsi 2018.4).
Note: Job change is from 2001-17, and total output change is from 2007-17.

Middle-skill workers have **greater** opportunity than the regional average.



40%

of workers
have an associate's
degree or higher



54%

of jobs typically
require at least
2 months of
on-the-job training

Source: CMAP analysis of Integrated Public Use Microdata Series, 2017 American Community Survey and Economic Modeling Specialists International data (Emsi 2018.4).

In 2016, this cluster generated approximately

\$31.2 billion

in freight shipments that originate, terminate, or circulate regionally.

Freight mode share, by value



Freight trade geography, by value



9%

Chicago
region



15%

Midwest



41%

Rest of
U.S.



35%

Global

Source: CMAP analysis of Freight Analysis Framework data (FAF 4.4.1).
Note: Data includes only the Illinois portion of the U.S. Census Bureau combined statistical area. Freight data is not provided for service clusters.